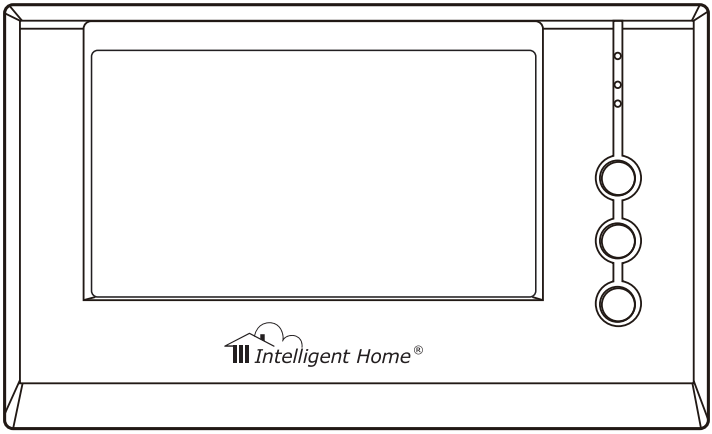
Intelligent Home®

Video Door Entry System

user manual



This manual covers **DT6913SD** and **DT6913** Monitor

PRECAUTIONS

- Read this manual through before using the product.
- Slots or openings in the back of the monitor, are provided for ventilation and to ensure reliable operation of the video monitor or equipment and to protect if from overheating. These openings must not be blocked or covered. The monitor should never be placed near or over a radiator or heat register and should not be placed in a built-in installation such as a bookcase unless proper ventilation is provided.
- All parts should be protected from violence vibration. And not allow be impacting, knocking and dropping.
- For clean the LCD screen, using hands or wet cloth is forbidden.
- Please do the cleanness with soft cotton cloth, please do not use the organic or chemical clean impregnate. If necessary, please use pure water or dilute soap water to clean the dust.
- Image distortion may occur if the video door phone is mounted too close to magnetic field e. g. Microwaves, TV, computer etc.
- Please keep away the video door monitor from wet, high temperature, dust, and caustic and oxidation gas in order to avoid any unpredictable damage.
- Do NOT open the device in any condition, call the administrator for help if there is any problem or mulfunction happens.

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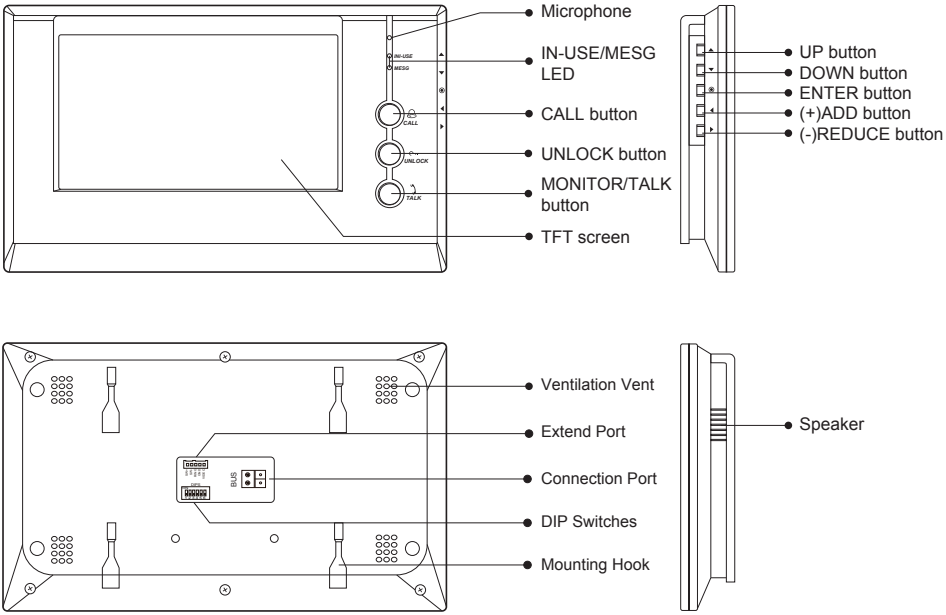
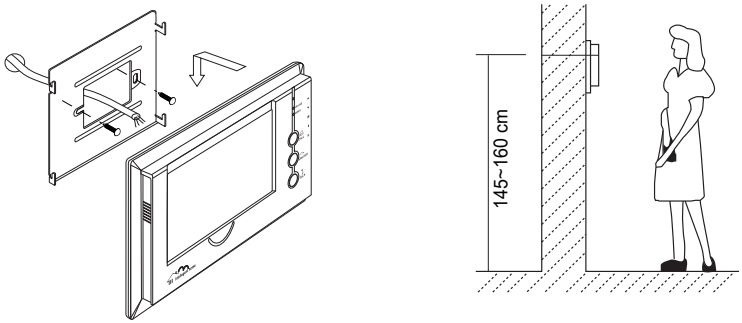
1. Monitor Parts and Functions



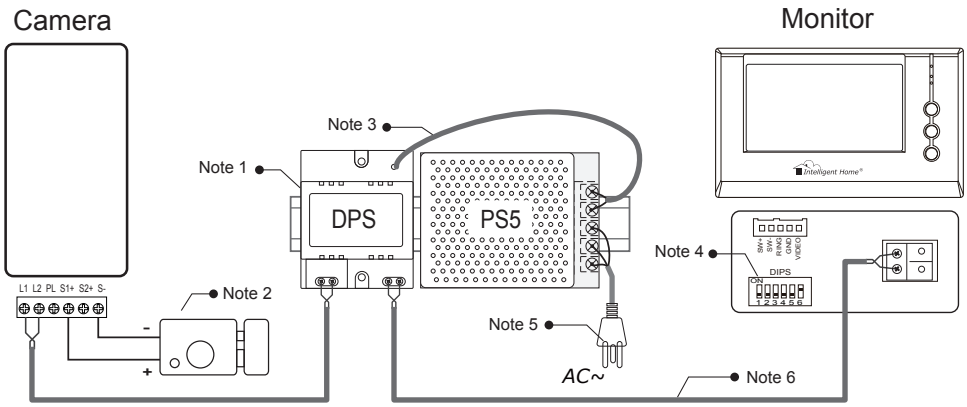
Dimension: 153(H)×250(W)×30(D)

2. Monitor Mounting



1. Use the screws to fix the Mounting Bracket on the wall.(fitting accesories includes a Bracket)
2. Wire the system correctly(see the later connection chapter) then hang the Monitor on the Mounting Bracket firmly.

3. System Connection

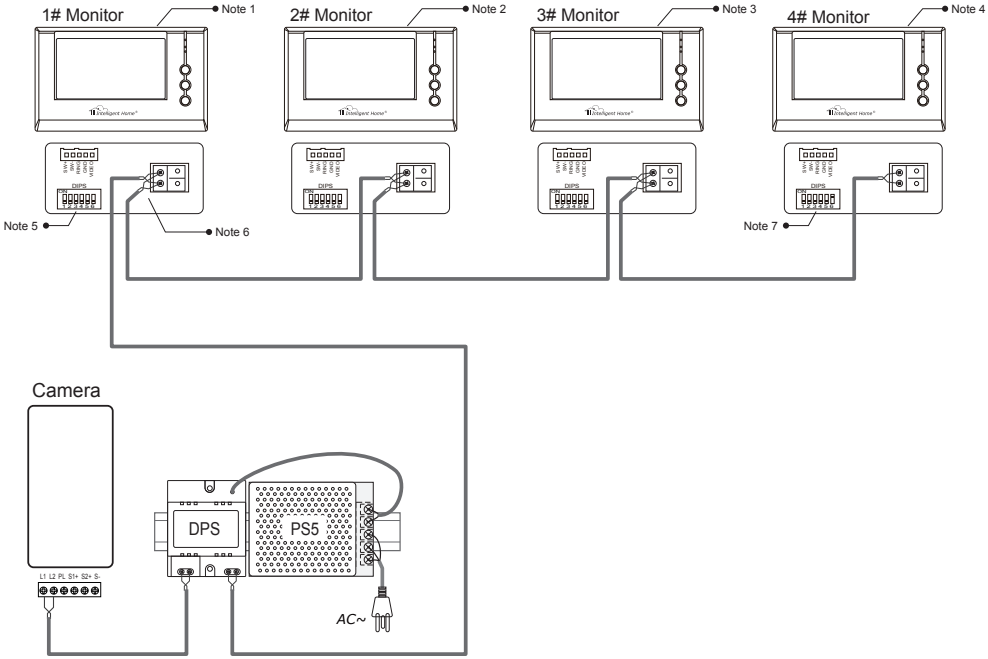


- **Note 1:** Mount the DPS and PS5 side by side on the DIN nail or on the wall.
- **Note 2:** See *Door Camera manual* for detail information.
- **Note 3:** Connect the DPS to the output of PS5, non-polarity connection.
- **Note 4:** The bit-1 to bit-5 DIP switches are for Monitor address settings when multiple Monitors installed, the bit-6 is for video impedance setting. When there is only one Monitor installed, set all the bit-1 to bit-5 to ***OFF*** state, and set the bit-6 to ***ON*** position.
- **Note 5:** Conncet to the AC Mains electricity, 100~240 V AC.
- **Note 6:** Non-polarity 2 wire bus cable. See *Table 3-1* for cable usage information.

Cable type	Max. distance(meters)
RVV 2 * 1.5 mm^2	150 (Non-shielded, Twisted)
RVV 2 * 1.0 mm^2	100 (Non-shielded, Twisted)
RVV 2 * 0.75 mm^2	75 (Non-shielded, Twisted)

Table 3-1

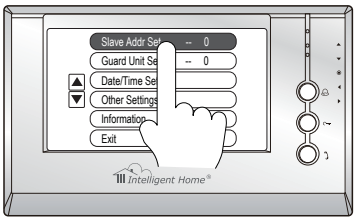
4. Multiple Monitors Connection



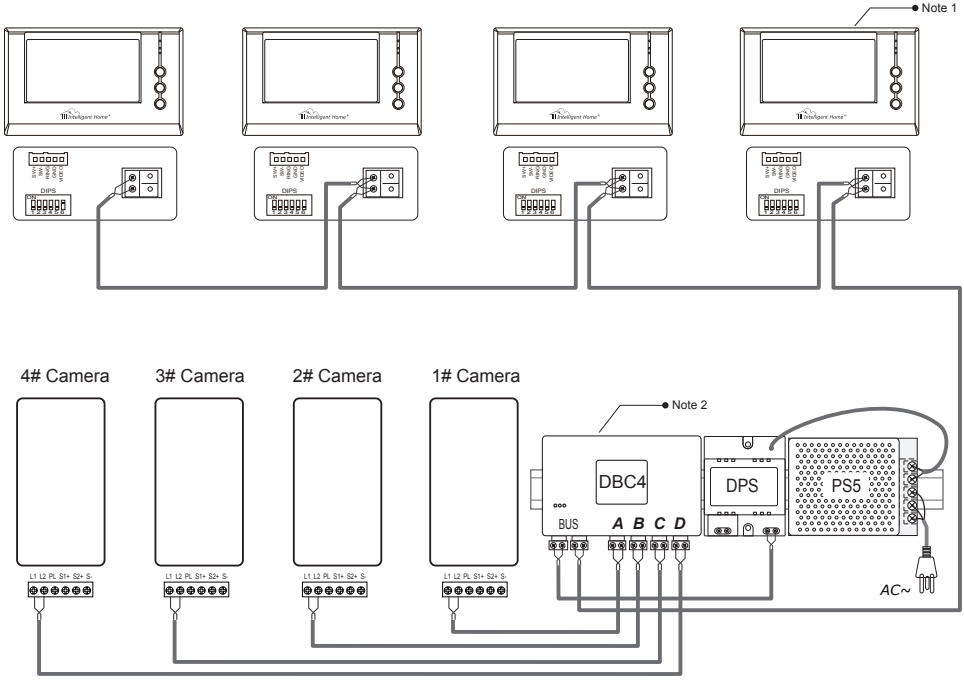
- **Note 1:** The *Slave Addr Set* on the 1# Monitor set to 0.
- **Note 2:** The *Slave Addr Set* on the 2# Monitor set to 1.
- **Note 3:** The *Slave Addr Set* on the 3# Monitor set to 2.
- **Note 4:** The *Slave Addr Set* on the 4# Monitor set to 3.
- **Note 5:** The bit-1 to bit-5 of all the Monitors are set to ***OFF***. The bit-6 set to ***OFF*** for 1#, 2# and 3# Monitors.
- **Note 6:** All the connectors must use In-Out connection.
- **Note 7:** The bit-6 of the 4# Monitor must set to ***ON*** state.(the bit-6 of all the Monitors should be set to OFF state except the last one which is at the end of the bus line).

How to set the Slave Address:

When the Monitor is in standby, press the screen to open the time screen, press again to enter the main menu. select Setup to enter ***Setup*** menu, then press ***Advanced Set*** item, Input password ***2008.*** heTouch the Slave Addr Set item to change the address.



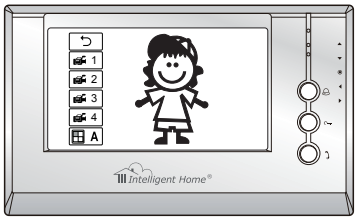
5. Multiple Door Cameras Connection



- **Note 1:** The settings for all the Monitors are the same as chapter 4 *Multiple Monitors connection*.
- **Note 2:** The DBC-4 unit is not included and should be bought separately.

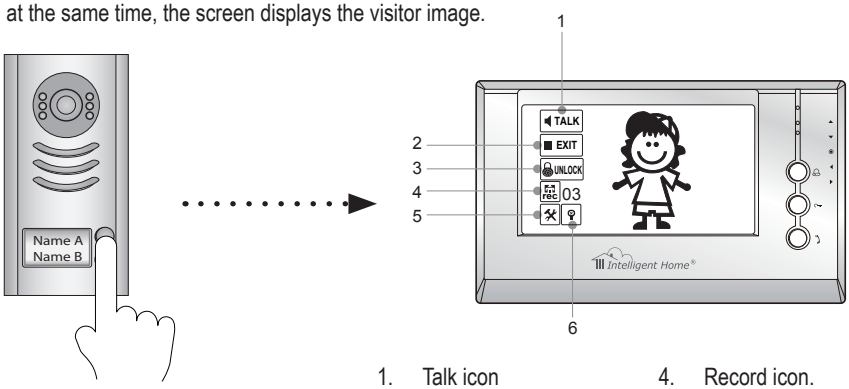
When multiple Door Cameras are installed, each Door Camera can connect its own electronic locks, and the Unlock operation will only unlock the lock connected to the calling Door Camera.

When monitoring, all Door Cameras can be swiched from one to another. On the monitoring or talking state, press the A icon to get into the auto-swithing mode. Press on the screen, will show the Camera select menu, than press select a specific Camera.



6. Talk/Unlock Operation

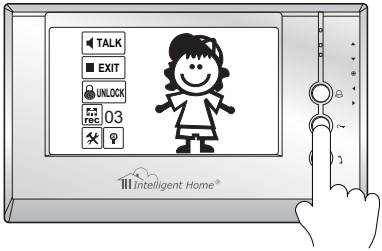
1. When visitor presses the Call Button A(or B) on the Outdoor Station, the Monitor(or B) will ring, at the same time, the screen displays the visitor image.



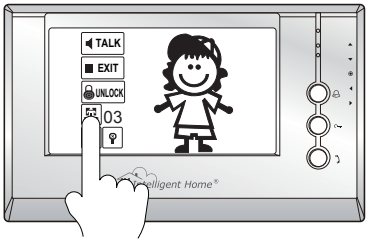
1. Talk icon
2. Exit icon
3. Unlock icon
4. Record icon.
5. Setting icon.
6. Hide icon.

2. Press TALK/MON Button or TALK icon, you can talk with the visitor for 90 seconds. During talking state, press the TALK/MON Button again or press EXIT icon to end the conversation. If nobody answers the phone, the screen will be turned off automatically after 30 seconds. If the system connects two or more Monitors, when any Monitor starts to talk, the other Monitors will be automatically shut off.

3. During the conversation, press UNLOCK Button or UNLOCK icon to unlock the door.

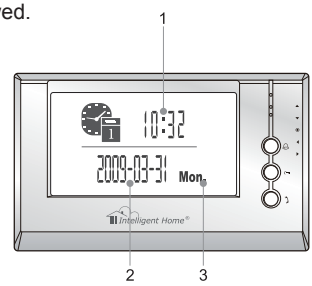


4. During the conversation, press rec icon to record the current video(10 seconds). If the Auto-Record function has been turned on (see chapter 12), a 10 second video will be recorded automatically after the Call Button of the Camera pressed.



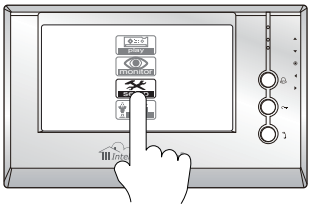
7. Ring Tone Setting

15 pieces ring tone can be selected. When the Monitor is in standy, press anywhere on the screen, a full screen calendar will be showed.

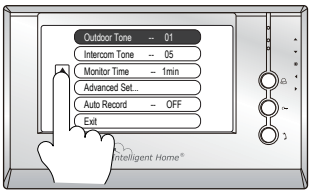


1. Current time.
2. Current date.
3. Current weekday.

Press the screen again to enter the main menu. Press [setup] to enter ***Setup*** menu.



Press and select ***Outdoor Tone*** or ***Intercom Tone***, then press [▲] or [▼] icon to select next or replay the current tone.

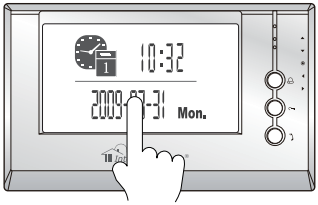


Settings will be performed immediately, press ***Exit*** item to exit.

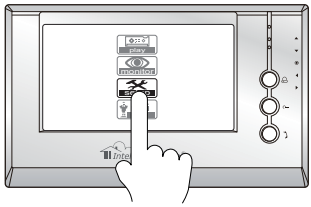
8. Monitor Time Setting

Monitor Time is the maximum monitoring time when the TALK/MON Button is pressed in standby, after which the screen will be closed automatically.

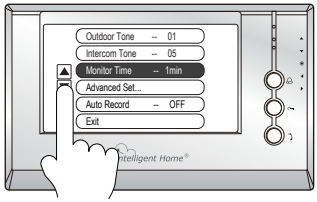
Presspress anywhere on the screen.



Press the screen to enter the main menu. then press [setup] to enter Setup menu.



Press and select ***Monitor Time*** item.



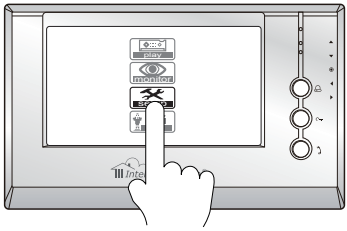
Press [▲] or [▼] icon to modify the time value in need. Settings will be performed immediately, press ***Exit*** item to exit.

9. Auto-Record

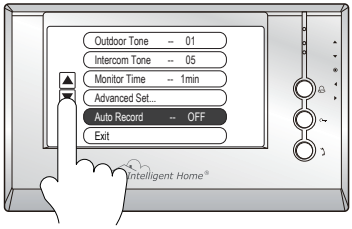
When the Auto-Record function is turned on, a 10 seconds video will be recorded automatically after the Call Button was pressed on the Door Camera. While the video is being recorded, a flashing rec icon will be dispalyed on the screen.

Note: In mornal state, the IN-USE LED is light in green; when the Auto-Record is turned on, it will flash in green, when there is a missing call or unread video, the LED will light in red.

When the Monitor is in standby, press the screen to open the time screen, press again to enter the main menu. then press setup to enter ***Setup*** menu.



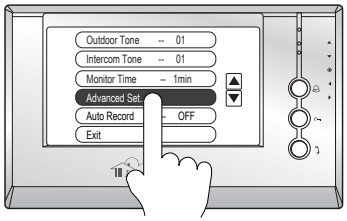
Press and selecte ***Auto-Record*** itme, Press ▲ or ▼ icon (or press on the item again) to toggle it on and off.



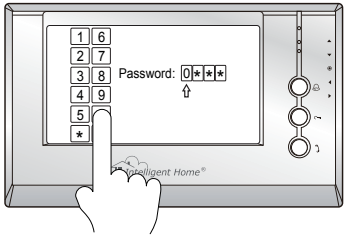
Settings will be performed immediately, press ***Exit*** item to exit.

10. Time Setting

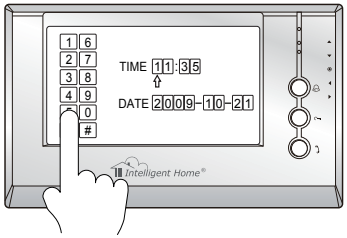
When the Monitor is in standby, press the screen to open the time screen, press again to enter the main menu. select setup to enter ***Setup*** menu, then press ***Advanced Set*** item.



A password will be asked before enter the menu. Use the digital keypad on the scrren to input numbers. The password is ***2008***.



Select and enter ***Date/Time Set*** item, Use the digital keypad on the scrren to input numbers.

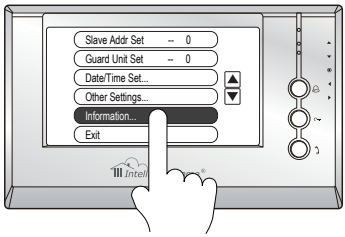


When all numbers have been input, the setting will be save automatically and exit, or press the ✶ icon to quit.

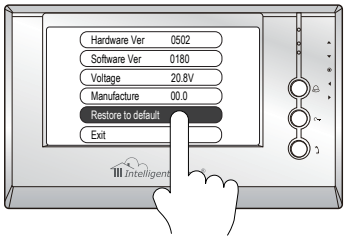
11. Restore to Default

The restore to default function allows the user to recover the settings to factory setting. Note that the restore to default operation will not change the time setting and the files on the buit-in momery or SD card.

When the Monitor is in standby, press the screen to open the time screen, press again to enter the main menu. select setup to enter ***Setup*** menu, then press ***Advanced Set*** item, Input password ***2008.***



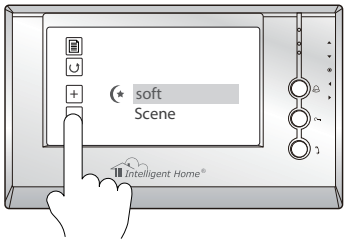
Press and select ***Information*** itme, the information of Monitor will be showed as bellow.



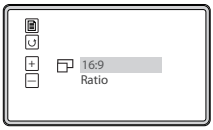
In the Information menu, press ***Restore to default*** item, the default settings will be loaded. press ***Exit*** to exit out the menu.

12. Screen Setting

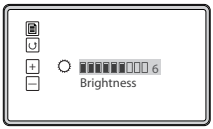
When the Monitor is in monitoring or talking, Press icon to open the screen setting menu. Press + / - icons to increase or decrease current value; touch the icon to switch to next setting, press icon to exit.



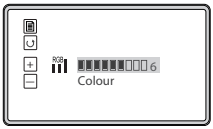
Total 4 screen modes: Normal, Soft, Blight and User.



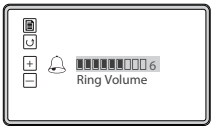
The screen can be switch between 16:9 and 4:3 mode.



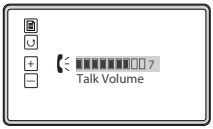
To adjust the brightness of the LCD screen.



To adjust the color of the LCD screen.



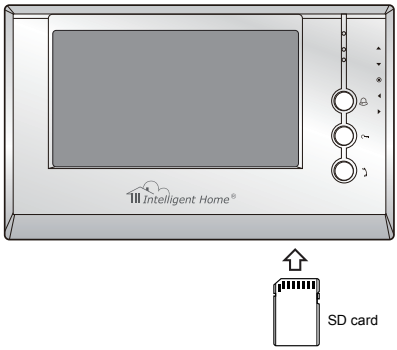
To adjust the volume for the ring tone.



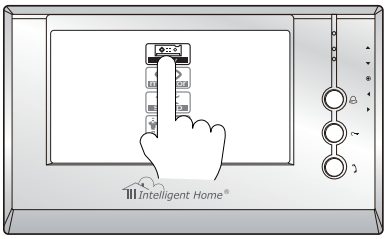
To adjust the volume for talking.

13. Built-in Memory and SD Card

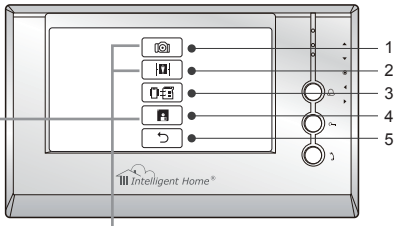
This Monitor has been equipped with a buit-in memory (about 118 MB, 50 ASF videos) together with a SD card reader. Maximum 2 GB SD card can be supported. When a new SD card was inserted to the Monitor, the SD card will be formated to FAT32 file system and 2 file folder(named DCIM and PHOTO) will be created.



- This Monitor can play back JPEG photos and ASF videos. The recorded videos will be saved in the SD--> DCIM-->100MEDIA file folder.
- Photo frame function, each photo playing will last 5 seconds, it will be stopped in one hour. More pictures in the SD card, longer time for triggering the fuction, less than 1000pcs is recommend. Note that the Monitor can only play back the photos in the SD-->PHOTO file folder.
- Only the JPEG photos took by a digital camera can be played back in this monitor, JPEG picture processed by other software might not be supported.
- Please do not play back pictures with the file size over 30MB.
- This Monitor can record ASF videos, both manually and automatically, the durantion of the ASF video is fixed in 10 seconds.
- When there is a SD card in the Monitor, the recording ASF videos will be saved in the SD card firstly; they will be saved in the built-in memory when the SD card is full.
- The ASF videos in the built-in memory can be copy to the SD card.
- The built-in memory and SD card can be formated by the Monitor.
- Avoid plug in/out the SD Card when the monitor is under operation, it may cause the death of memory board, please exit all operation when it is happened, and the device will automatically reset in 30seconds(no need for restart the power), in the process, the LED will turn to Green from Red.
- Please do not play back pictures with the file size over 30MB;
- The play back will be interupted by the calling from outdoor station.

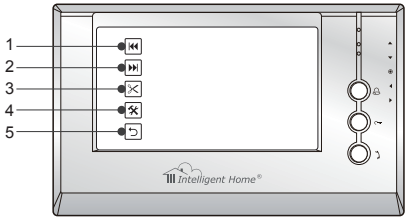


When the Monitor is in standby, press the screen to enter ***Main*** menu then enter ***PLAY*** menu.



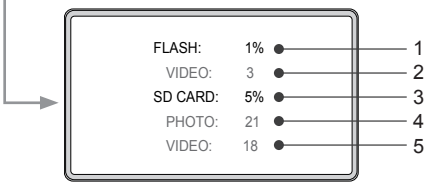
Press the icon to enter.

1. Play back photo
2. Play back video
3. Copy videos from built-in memory to SD card (SD-->DCIM-->101MEDIA folder)
4. Memory information
5. Exit



Press the icon to play the video/photo. When playing videos, there is no sound at first, press the TALK/MON Button to play the sound.

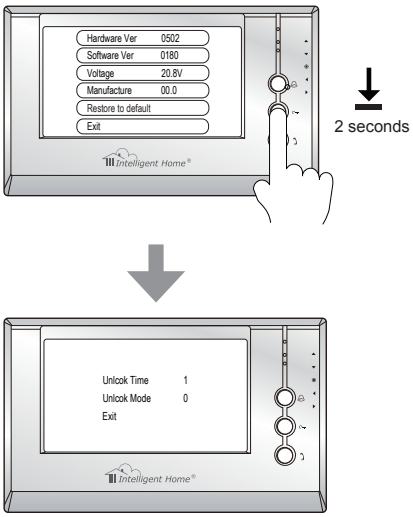
1. Play back last photo/video
2. Play back next photo/video
3. Delete currrent photo/video
4. Enter screen setting Menu
5. Exit



1. Used built-in memory
2. ASF videos in built-in memory
3. Used SD card memory
4. Photos in SD card(PHOTO folder)
5. ASF videos in SD card(100MEDIA folder)
6. Under this screen, press and hole the UNLOCK Button for 3 seconds, a ***DEL FLASH & SD ?*** hit will be showed on the screen, press the UNLOCK Button again to execute the formating, press any other key to exit without execution.

14. Unlock setting

Goto and enter Main-->Setup-->Advanced set-->Information page, while the information page is displaying on the screen, press and hold the ***UNLOCK*** Button for 2 seconds to set the Unlock setting page.



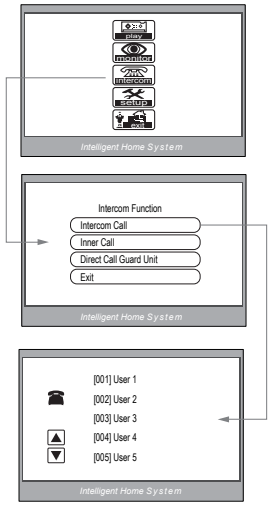
Unlock Time: the Unlocking time setting, default is **1** second.

Unlock Mode: set to **0** if using a Power-on-to-Open type lock, set to **1** if using a Power-off-to-Open type lock.

Settings will be performed immediately, press ***Exit*** item to exit.

15. Intercom Calling

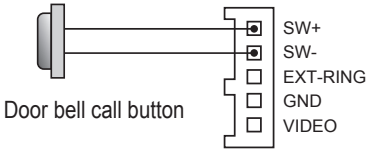
Intercom calling can be started on any Monitor, users can call a specific Monitor using the on screen name list.



16. Connection Other Device to Monitor

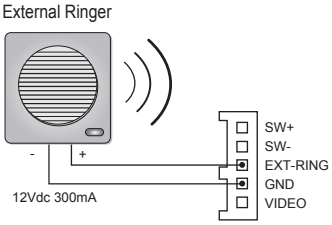
8.1 Connect Doorbell call button

Additional door bell call button can be connected to the Monitor, so that the visitors can ring the door bell again in front of the user's apartment. When the call button is pressed, the Monitor will output ring tones but the screen will keep off, and the external ringer will ring at the same time(if a external ringer is installed).



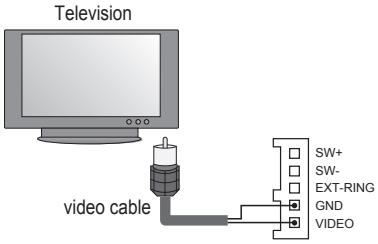
8.2 Connect External Ringer

External ringer can be connected to the Monitor. The ringer will ring whenever the Door Station call button or the door bell call button is pressed, and it will stop ringing when the Monitor rejucted or answered the call.



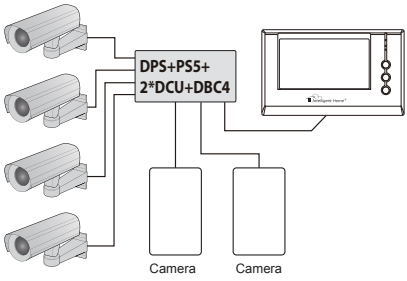
8.3 Connect Television

Connect television to the Monitor, when the Door Station calls, the user switch the channel to the AV channel, and the visitor's video will show up on the screen of the television. The core of the video cable must connect to the VD terminal, and the shielded layer connect to the GND.



8.4 Connect CCTV Cameras(use DCU unit)

By adding a DCU unit, up to 6 CCTV cameras can be connected to the system, each DCU unit can connect 2 CCTV cameras. Note that the DCU unit should be bought separately. See DCU manual for detail information.



17. Specifications

Monitor

- Power supply for indoor monitor: DC 24V (supplied by Adaptor)
- Power consumption: Standby 0.5W; Working status 15W
- Monitor screen: 7 Inch color TFT-LCD
- Display Resolutions: 1,440(R, G, B) x 234 pixels
- Built-in Memory: 118 MB(only for DT692SD)
- Recorded Video format: ASF, 320*240 pixels, 10 seconds
- Monitor time: 30 seconds to 10 minutes
- Talking time: 30 seconds
- Monitor Dimensions: 153(H)×250(W)×30(D)mm

Door Camera

- Lock Power supply: 12Vdc, 300mA(Internal Power)
- Power Consumtion: 1W in standby, 12W in working
- NO, COM dry contact: Max. 48V dc 1.5A
- Unlocking time: 1 to 9 seconds, set by Monitor
- Working temperature: -10ºC ~ 45ºC

WARRANTY CARD

NB Please keep this document safe, as it is proof of your Warranty

Your Video door system comes with a one year Manufacturers Warranty. When used normally, the following services are offered:

1. Replacement for malfunctioning parts in first three months
2. Repair free of charge for malfunctioning parts in first year

The following actions will void the Warranty:

1. Damage to the device during installation
2. Damage to the device through misuse
3. Opening and/or disassembling the device
4. Attempting to force the device to perform functions for which it is not intended
5. Attaching the device to power supplies other than thoserecommended by the manufacturer

Distributor for Warranty purposes:

Lale Trading Ltd
34a High Street
Hornsey
London
N87NX
+44 (0)20 83482040
www.intelligenthomeonline.com

Product:_____

Purchaser Name: _____

Invoice N: _____

Purchase Date_____

Intelligent Home®

DT6913-villa-V1 2010-07-29

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www.intelligenthomeonline.com